Fraction of events / 1 GeV  $pp \rightarrow h \rightarrow 2n_{1} \rightarrow 2n_{D} + 2~\gamma_{D} \rightarrow 2n_{D} + 4\mu$ 0.1  $m_h = 125 \text{ GeV}, m_{n_e} = 10 \text{ GeV}, m_{n_e} = 1 \text{ GeV}$  $m_{\gamma_{_{D}}} = 0.250$  GeV,  $c\tau_{\gamma_{_{D}}} = 0.00$  mm 1st n<sub>D</sub> (leading p<sub>T</sub>) 0.08  $-2nd n_D$ 0.06 0.04 0.02 0 20 40 60 80 100 120 of n [GeV]

CMS Simulation (LHE) 13 TeV